



Y-12 Photo By Vince Moore

MEMBERS OF THE Y-12 PLANT PROTECTION COMMITTEE are shown above studying the general emergency plan of the plant and its mutual aid provisions. From left around the table are G. C. Henderson, H. N. Benninghoff, Secretary Roy M. James, Chairman T. A. McKenzie, R. R. Tippy, Ward Foster and W. S. Herron.

Protection Committee Is Studying Mutual Aid To Combat Emergencies

The Y-12 Plant Protection Committee, now studying the plant general emergency plan with the objective of assuring that preparedness to carry out all of the phases are efficiently handled throughout the plant, now is closely viewing provisions of mutual aid agreements among Y-12, other Carbide units in Oak Ridge and the city of Oak

Ridge itself. The mutual aid provisions of the general emergency plan are designed to provide greatest possible assistance in case of emergencies striking one or more plants in the Oak Ridge area.

Three Classes of Emergencies

The plan makes provisions for coping with three general phases of emergencies.

Phase A would be used in an emergency that can be eliminated or brought under control by manpower and facilities of any one plant.

Phase B would be used in an emergency where additional manpower and/or facilities are necessary to bring the emergency under control.

Phase C would be used in an emergency of such magnitude that local manpower and facilities and assistance through existing mutual aid agreements among the plants are not sufficient to cope with the situation and the invoking of the Oak Ridge Emergency Plan is necessary.

Maximum Aid Provided

The mutual aid agreements among the plants and other organizations has been worked out to specify the type and amount of assistance in personnel and equipment that may be made available when needed. Each Carbide unit in Oak Ridge would operate on a skeleton force in order to pro-

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Y-12 Stable Isotope Shipments Set Record

Marked by its first shipments of stable isotopes of the rare metallic element, hafnium, the Y-12 Isotope Research and Production Division had its busiest month of "business" in November. A record-breaking 58 consignments of stable isotopes were sent to 11 different research institutions in the country during that month.

45 Shipments Next Largest

The most shipments made in any one previous month was 45 in June. In October the division sent 29 consignments of stable isotopes to laboratories of scientific groups.

The Brookhaven National Laboratory of the Atomic Energy Commission received the most samples of the Y-12 produced stable isotopes. This AEC facility got 24 shipments of various isotopes of cadmium, tin, antimony and tungsten. The next largest recipient of Y-12 isotopes was the Argonne National Laboratory, another AEC facility, which received 11 shipments, including the first hafnium isotopes ever sent out of Y-12, and other isotopes of samarium.

Other AEC laboratories receiving shipments of stable isotopes from Y-12 during November were the Los Alamos Scientific Laboratory, Oak Ridge National Laboratory and the Knolls Atomic Power Laboratory.

Universities Also Get Isotopes

Several educational institutions also received November shipments. They included the University of Chicago, University of Wisconsin, University of Illinois, Yale University and the University of Indiana.

All of the November shipments of stable isotopes by the division were of comparatively small amounts, the largest being 500 milligrams of zirconium 90 to the University of Indiana.

ELECTROMET IS PIONEER

The Electro Metallurgical Division of Union Carbide was organized as a company in 1906 and became one of the original units of the Corporation in 1917. Haynes Stellite Division joined the Corporation in 1920 and the United States Vanadium Corporation joined UCC in 1926.

Time Is Running Short For Obtaining Tickets To Children's Party; Y-12ers Are Planning Big Christmas Spurred On By Plant Carols And Tree

Cafeteria Will Serve Special Holiday Dinner Friday, December 22

Despite the dark world outlook, Y-12ers are eagerly looking forward to the coming Christmas holidays.

The Christmas spirit will be brought to the plant area this week with the annual playing of carols and Christmas music over a public address system at the portals and the erection of a giant tree to be illuminated with colored lights at night. The tree will be located just inside the North Portal and the carols will be heard over loud speakers at all three portals during shift change hours.

Gastronomical History Seen

The Y-12 Plant Cafeteria will serve its usual special de luxe Christmas dinner on Friday, December 22, from 10:30 a. m. to 2 p. m. Twice yearly—at Thanksgiving and Christmas—the cafeteria staff goes all out to provide the best possible meal for Y-12 patrons. Of course, the piece de resistance will be turkey with all the trimmings. Two vegetables, salad, soup, dessert and drink also will be served. The dinner will be sold as a unit at 90 cents but Y-12ers not wanting the entire meal may buy items separately.

The Christmas season for parties was officially ushered in last Friday night at the Oak Terrace with the annual Dance-Party for all Y-12ers. Johnny Baker's orchestra provided music for the merry-makers and the guests were unanimous in declaring the affair one of the best ever staged by the Y-12 Recreation Office for entertainment of plant personnel.

The attendance exceeded those of similar Y-12 parties in several years. A valuable door prize was awarded and Harry Bainbridge and Mrs. Harvey Keese were given prizes for being adjudged the best carol singers in the crowd. Naval officers attending the radiological defense seminar in Oak Ridge were guests at the Y-12 affair.

Christmas Day, Monday, Decem-

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Next Edition Of Bulletin December 22

Because both the Christmas and New Years holidays fall on Monday this year, The Y-12 Bulletin publication schedule will be changed to offer its readers the best possible seasonal coverage of events of interest to all Y-12ers.

Present plans call for the next issue of The Bulletin after the current Wednesday, December 13 edition, to carry a dateline of Friday, December 22. There will be no edition of the paper published during Christmas week but publication will be resumed on regular schedule Wednesday, January 3, 1951.

Efforts now are being made to make the December 22 issue one of the best in the history of The Bulletin. Picture coverage will be made of the Y-12 Dance-Party and the Children's Christmas Party as well as news stories on those affairs and others of interest to all plant personnel. Although a tight working schedule will be necessary to provide full coverage and print the publication, every effort will be made to have the Christmas Eve edition in the hands of every reader before the holiday begins.

NATIONAL CARBON OLDEST

The National Carbon Division, oldest unit of Union Carbide, was founded in 1886 to produce carbons for arc lamps. In addition to its production of batteries, it produces the carbon and graphite electrodes for electric furnaces that make one-fourth of all the alloy steel produced in the United States. The tips of these electrodes can become as hot as 6,050 degrees Fahrenheit.

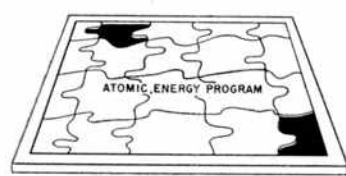
Time Is Not Yet Ripe For Pictures Or Display Of Atomic Bombs Declares AEC Chairman Dean In Stressing Problems Of Security

There may come a day when photographs of the atomic bomb may be published and dummy models of the weapon put on display in Macy's window—but it is some time off. That is the opinion of Gordon Dean, chairman of the Atomic Energy Commission, given at a press interview.

In answer to questions and quoted in the U. S. News and World Report, the chairman still stressed the necessity of security to shield information on the atomic bomb. He pointed out that the number of persons who know all about the bomb numbers about 150 but that many thousands of persons have vital knowledge of parts of the bomb building technique and operation.

It is to protect against such partial information falling into the

LET'S MAKE IT TOUGH TO SOLVE



CASIFIED INFORMATION

HOLD ON TO THOSE MISSING PIECES

hands of foreign espionage agents that would enable them to piece together pieces of the puzzle to arrive at a conclusion that could prove dangerous to the safety of

this nation that the Atomic Energy Commission considers its security program so important.

Here are some of the highlights of the questions and answers by newsmen and the AEC chairman that indicate his views on the responsibility of everyone connected with the bomb project to strictly observe all security rules and regulations.

Q. How can you keep a lot of people in this country from knowing where our atomic bombs are? Can it be done safely?

A. How long we can do it, I don't know, but you can always be sure there will be a program of dispersal so that, in order to sabotage our entire potential, an enemy would have to know an awful lot. This program has

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Friday Is Deadline; Santa Ready To Visit Kiddies December 19

It's later than you think and the time isn't long—for all you Y-12 Pops and Moms to file applications for and obtain tickets for your youngsters to attend the annual Y-12 Children's Christmas Party. That red letter day for the youngsters from two to 10 years old, inclusive, will come at 10:30 o'clock next Tuesday morning, December 19, at the Grove Theater.

Friday Deadline For Applications

The deadline for having the applications in to the Y-12 Recreation Office, Bldg. 9701-1, North Portal, is Friday of this week, December 15. Of course, the earlier the applications are received the earlier they can be filled. The blank for making applications for tickets is published on Page Two of this issue of The Bulletin.

Last year nearly 600 youngsters of Y-12 parents had the time of their young lives at the party and the attendance this year is expected to exceed that figure. To insure that all the youthful guests will have seats by the time the party starts at 10:30 o'clock, the doors of the theater will be opened at 10 o'clock.

Negro Party December 20

Children of Negro employees of all three Carbide units in Oak Ridge will have their party at 11 o'clock next Wednesday morning, December 20, at the Gamble Valley School. Applications for these tickets should be filed as previously directed.

A fine program has been arranged for the big crowd expected to attend the party—topped, of course, by the annual visitation of Santa Claus. Old Saint Nick will present every youngster there with a stocking containing gifts of candy, fruit and toys. Stanley Fairbourne, of the Y-12 Isotope Research and Production Division, who led the party in carol singing last year, will again have the same role this year. In addition several movie cartoons will be shown. In all, the party will last for about one hour.

Santa Claus will make every effort not to miss a single child of Y-12 parents in his 1950 visit. If any youngster is confined to his home or the hospital by illness, parents are urged to immediately communicate with the Recreation Office, North Portal, telephone 7753, and arrangements will be made for Santa to make a special trip to the sick child. Several such visits were made last year to cheer up sick children.

SAFETY SCOREBOARD

Your Plant Has Operated

80 Days

Without A Lost Time Accident

Through December 10

The Bulletin

Published Weekly By And For
Y-12 Employees Of
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GEORGE W. DOBBS . . . Editor

OFFICE
North Portal, Bldg 9701-1
Telephone 7753

Bill of Rights Threatened; 155 Years Old

I am 155 years old, having been born on December 15, 1791.

I am the first 10 amendments to the Constitution. Until I was written in the Constitution that document was like a body without a soul.

I am YOUR BILL OF RIGHTS. Don't take me for granted. Like all mortal creations, I can be killed.

The giant shadow of totalitarian state-slavery moves over the world. Wherever that shadow falls, I am obliterated. That shadow HAS fallen over the United States.

Three men—Thomas Jefferson, James Madison and George Mason—fathered me. As men brought me to life, I can be slain by men—and will be slain unless YOU and YOU traditionalist Yankee Doodle Americans organize to defend me.

I am the BILL OF RIGHTS. I am freedom of religion, freedom of speech, freedom of the press, freedom of assembly. I am the privacy and sanctity of your home. I am your guarantee of trial by jury, as I am the policeman who guards your property rights.

Cruel and unusual punishment and excessive fines and bail cannot be visited upon you so long as I am alive. I order that ALL rights not specifically mentioned in the Constitution shall be retained by YOU—the people. I am the rights of the states against engulfing centralized power.

I am the BILL OF RIGHTS—your signed lease to spiritual, mental and physical freedom. I ask you to meditate on all my 10 clauses. Memorize them. Engrave them on your hearts.

My existence depends on your vigilance—on how vigilantly you watch your rulers. And my eternal enemies, known as DICTATORS, are abroad in the world and HERE in the United States.

Personal unlimited power has destroyed the liberties of many peoples in ancient and modern



Some time ago a new Oak Ridge radio station was proposed with the identification letters WOKE. Some Y-12 wag promptly came up with some slogans for the station—such as: "WOKE Up With WOKE, We WOKE While You Sleep"—and (this is rough but try your Southern accent on it)—"We Was WOKEing On The Railroad."

Now on to some sensible and interesting reports about who is doing what and where around the premises.

Frances Haase, of the Medical Department, and her husband, Bill, of the Health Physics and Hygiene Department, spent a recent week end visiting her folks in Lenore, N. C.

The Research Engineering Department welcomes William H. Russell, Jr., to its roster.

H. L. Martin, of Plant Engineering, had as recent week-end guests his brother and sister-in-law, Mr. and Mrs. Milo V. Martin, of Chicago, Ill. . . . G. J. Angele and his family has as guest for the Christmas holidays, his mother, Mrs. Emma Angele.

The Laundry Department wishes Maude Duncan, who is in the Baptist Hospital in Knoxville, a speedy recovery . . . also the same to Laura Kennedy who is in the Oak Ridge Hospital and Flossie McGhee, who is ill at home in Briceville.

Marie Ramos, of Employee Relations, spent a recent week of vacation at home in Oak Ridge . . . Louise Gardipee has returned from a recent week's vacation.

Dick Defenderfer, of the Chemical Department, spent last week vacationing at home in Oak Ridge.

Mary Margaret Norton, of Stores, spent the week end in Nashville and was at home in Concord for the rest of last week vacationing . . . John Rohland vacationed at home in Oak Ridge last week.

The Receiving and Shipping Department welcomes John Goins to its roster.

"Joe" Evans, of the Tools Department, is vacationing at home in Oak Ridge this week.

Olyne Kappelmann, of the Property Department, is vacationing at

times. It can happen to you, and maybe, subtly and unknowingly to you, it is happening.

Put every law that is proposed in Washington and elsewhere into the crucible of MY TEN COMMANDMENTS. Your question must always be: Not what does a law GIVE ME, but what does it TAKE AWAY from me?

I am the BILL OF RIGHTS.

When I am violated, a part of you dies.

I am 155 years old. Will I reach my 200th year?

THAT DEPENDS ON YOU AND YOUR CHILDREN.

home in Oak Ridge this week and is doubtless getting her Christmas shopping done early.

W. T. Hays, of the Security Department, is vacationing with his folks in Paris, Tenn., this week. He hopes to do some duck hunting (brrrr) over in them there West Tennessee swamps and maybe flush a Roosian spy—or something.

This guy Joe White, of Employment, has a long face this morning. He's back from Miami, where he attended a conference on college personnel placement. That's why he is mad—he is back instead of still basking in the Florida sunshine.

Health Physics and Hygiene wishes a speedy recovery to little Rebecca Sue Reed, daughter of Dean Reed.

The Material Chemistry Division welcomes R. C. Kelly to its membership.

Zell Combs, of Isotope Research and Production, spent a week's vacation at home in Elizabethton, Tenn.

Virginia Boone, of General Maintenance Offices, plans to visit friends in Lexington, Ky., while on vacation this week.

Oradean Upchurch, of Uranium Control and Computing, visited her home in Forbes, Tenn., while vacationing last week. . . . A. K. Bissell has returned from a week's vacation.

ORNL Man To Lead Meeting Of Physics Seminar Friday

E. D. Klema, of the Oak Ridge National Laboratory, will speak at the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, December 15. The meeting will be held in the East Lounge of the Ridge Recreation Hall and all Y-12 technical and scientific personnel are invited to attend.

The topic of discussion at the meeting this week will be "Nuclear Reaction Energies By Magnetic Analysis."



Roger F. Hibbs, Assay Laboratory, became father of a baby girl born December 1 at the Oak Ridge Hospital. He was the only Y-12er listed as a parent at the hospital last week.

Peak years of mental activity must be between the ages of four and 17. At four, he knows all the questions; at 17 all the answers.

Help Fight TB



Buy Christmas Seals

TB Association Asks For Spare Radios For Bedridden Folks

Any Y-21ers planning to get new table model radios for Christmas this season and thereby having an extra set in the house can bring much pleasure to some bedridden tuberculosis patient by giving the spare radio to the Oak Ridge Tuberculosis Association for that purpose.

The patient services committee of the association already has obtained three sets but need more. Persons wishing to answer this appeal may leave radios at the association office in Town Hall.

Association officials announced last week that the annual sale of Christmas seals to finance the program of the group fighting tuberculosis already has exceeded the amount raised at the same time last year. Through December 6 of this year the sum of \$3,092.60 had been raised with peak sales still believed ahead. Letters containing seals had been sent to 9,000 Oak Ridgers with request for contributions to the fund for combatting the white plague.

Chemists Role In Christmas On Headlines Radio Program

"Making Christmas Merry With Chemistry" will be outlined in the Headlines In Chemistry program over Oak Ridge Radio Station WATO at 9:15 o'clock Sunday night, December 17. Rod Mason, of the Atomic Energy Commission, will describe to listeners how to prepare a Yule log, how chemistry has aided in developing fireproof ornaments and methods of semi-fireproofing Christmas trees.

The program is a weekly feature presented by the East Tennessee Section of the American Chemical Society aimed at presenting interesting facts about developments in chemistry in a manner that will attract the layman.

Carbide Wives Plan Christmas Party

A Christmas party will be given by the Carbide Wives at 7:30 o'clock Wednesday night, December 20, at the Ridge Recreation Hall. More than the usual number of prizes will be presented at this special party and refreshments will be served buffet style.

Hostesses will be Mesdames Fred R. Sexton, wife of a Y-12er, R. W. Atteberry, Oliver Parker, Harry K. Walker, Carrol Mills, J. R. Mahoney, S. D. Holsey, Jr., and Rodolph Paluzelle.

A business meeting will be held to elect four members of the board of directors.

It is better to think a good thought about a bad man than to think an evil thought about a good man.



The following Y-12ers were patients at the Oak Ridge Hospital last week: Laura D. Kennedy, Laundry; Raymond H. Young, Chemical; Norman L. Derryberry, Field Maintenance; Everett C. Walker, Buildings and Grounds; Walter W. Rogers and Willie E. Honeycutt, both of the Guard Department.

Attendance Record In Y-12 Improves

After an upward surge because of the November 24 snowstorm, the Y-12 absentee record for the week ending December 3 dropped .9 per cent from the preceding week to 2.5 per cent.

Electrical Maintenance On Top
Electrical Maintenance retained first place in the Major League with an absentee mark of 1.2 per cent for the week. The Guard Department advanced from third place to second with 1.5 per cent of its personnel absent for the week ending December 3 and third place was held by Stores with an absentee record of 1.6 per cent. Stores was in fifth place for the week ending November 26.

For the first time in many months none of the Minor League departments with perfect records for a preceding week could repeat their performance. As a result all five of the Minor League groups with perfect attendance marks for the week ending December 3 were newcomers to the top spot. They were Steam Plant, Employee Relations, Research Engineering, Plant Records and Transportation. These departments advanced from second, seventh, eighth, 14th and unlisted the previous week.

Plant Engineering Advances
In second place in the Minor League was Plant Engineering with an absentee mark of .4 per cent and which was in 11th place the preceding week. Third place was taken by Receiving and Shipping with .86 per cent absenteeism. It was a first place department the previous reporting period.

The plant absenteeism record for the week ending December 3, by departments, follows:

| MAJOR LEAGUE More Than 50 Employees Scheduled | | | | |
|--|-------------------|---------|----------|----------|
| Dept. | Absent Percentage | 12-3-50 | Standing | 11-26-50 |
| 2077 | 1.2 | 1 | 1 | 1 |
| 2091 | 1.5 | 2 | 3 | 3 |
| 2142 | 1.6 | 3 | 5 | 5 |
| 2003 | 1.8 | 4 | 4 | 4 |
| 2282 | 1.9 | 5 | 2 | 2 |
| 2015 | 2.38 | 6 | 6 | 6 |
| 2619 | 2.41 | 7 | 7 | 7 |
| 2616 | 3.5 | 8 | 8 | 8 |
| 2283 | 4.0 | 9 | 9 | 9 |
| 2014 | 4.1 | 10 | 10 | 10 |

Group absentee percentage was 2.5 per cent, .8 per cent lower than the preceding week.

| MINOR LEAGUE 15-49 Employees Scheduled | | | | |
|---|-------------------|---------|----------|----------|
| Dept. | Absent Percentage | 12-3-50 | Standing | 11-26-50 |
| 2743 | 0.0 | 1 | 2 | 2 |
| 2109 | 0.0 | 1 | 7 | 7 |
| 2064 | 0.0 | 1 | 8 | 8 |
| 2046 | 0.0 | 1 | 14 | 14 |
| 2008 | 0.0 | 1 | ... | ... |
| 2060 | 0.4 | 2 | 11 | 11 |
| 2143 | 0.86 | 3 | 1 | 1 |
| 2002 | 0.87 | 4 | 1 | 1 |
| 2108 | 1.1 | 5 | 10 | 10 |
| 2200 | 1.2 | 6 | 12 | 12 |
| 2145 | 1.3 | 7 | 1 | 1 |
| 2107 | 2.1 | 8 | 1 | 1 |
| 2140 | 2.6 | 9 | 4 | 4 |
| 2133 | 3.1 | 10 | 3 | 3 |
| 2001 | 3.5 | 11 | 9 | 9 |
| 2018 | 5.2 | 12 | 16 | 16 |
| 2739 | 5.9 | 13 | 15 | 15 |
| 2005 | 6.6 | 14 | 6 | 6 |
| 2096 | 10.8 | 15 | 5 | 5 |
| 2090 | 12.7 | 16 | 13 | 13 |

Group absentee percentage was 2.8 per cent, .7 per cent lower than the preceding week.

The plant average for the week ending December 3 was 2.5 per cent, .9 per cent lower than the preceding week.

A very small boy came home dejected from his first day at school. "Ain't goin' tomorra," he sputtered. "And why not?" his mother asked. "Well, I can't read and I can't write and they won't let me talk, so what's the use?"

Application For Tickets

To
Christmas Party For Children Of Y-12 Employees
Two To Ten Years Old, Inclusive

EMPLOYEE'S NAME _____ BADGE NO. _____

HOME ADDRESS _____

NUMBER OF TICKETS NEEDED, including parents. _____

—Children's Names—

1. _____ 2. _____ 3. _____
4. _____ 5. _____ 6. _____

Please return this form, properly filled out, immediately to the Y-12 Recreation Office, North Portal. Required number of tickets will be mailed to parents at their HOME ADDRESS.

Y-12 Keglers Capture State Championship

The men's varsity bowling team of Y-12 won the Tennessee Class B championship in the state tournament held at Memphis over the past week end. The Y-12 keggers posted a series score of 2,709 to take first place and their single game score of 947 was tops for the tournament. Stephens, a substitute for Sherrod, took the Memphis alleys apart with a 629 series score to lead the tournament. His 1,776 all events score also was tops. Other Y-12 scores for team play were Koons 553, Hart 540, Gragg 518 and Tibbatts 469.

The Hole Truth

By EVAN MEANS

We have just completed the preparations for a mock meeting of the Tennessee Game and Fish Commission as we write this, so we have little strength left to bring you up to date on the latest developments in the outdoor world. Bruce Whitaker spent most of his vacation indoors the week after Thanksgiving, but managed to get out on Thursday and shoot his limit of quail over a young dog on its first hunting trip. It showed reluctance to wade an icy creek to retrieve one of the birds until Bruce put up a rather persuasive argument. After that the dog did all right.

This meeting mentioned above was the entertainment feature of a dinner given last Friday night at the S. & W. Cafeteria in Knoxville to show the appreciation of the State Game and Fish Commission and local sportsmen's clubs for the cooperation of the University of Tennessee in wildlife restoration work.

After a fare of speeches by President Brehm of U. T., Lou Williams, president of the Tennessee Conservation League, and others, the Oak Ridge Sportsmen's Association provided the dessert. We wrote the script largely from ideas provided by K. E. Steinmetz, prominent Knoxville attorney, and M. L. Brickey, Fountain City, member of the State Game and Fish Commission. Brickey also was toastmaster for the occasion.

Y-12ers who assisted in the production were Paul Ziemke and Charley Kasparek. The little woman lent two of her fingers to help type copies of the script and played one of the parts.

If Y-12 hunters have to harvest the surplus crop of deer in Tennessee, the place will soon be over-run with them. J. C. Ezell, Claude Haws and George Oliphant took in the Tellico still hunt on November 27, 28 and 29. Only a handful of hunters braved the cold snap to hunt, so the boys had the area pretty much to themselves, but that didn't help.

Ezell blames his three misses (on the same buck) on an untried gun. He knocked off a patch of hair without drawing blood, after which Haws pumped five shots at the same buck as he zig-zagged (?) up the mountain side. George didn't even shoot. None of the boys will admit having buck fever.

Harvey Kite's greeting Sunday morning was "Means, I'm ashamed of myself!" He went on the fourth Norris Peninsula hunt, missing one each day.

Maybe the state will have to live-trap those surplus deer after all.

Cards Open Season Tonight With Vagabonds; Speckled Birds And Guards In Class B League

Both Y-12 Teams Play Thursday; Barber And Labsters Are Rivals

After efforts to form an inter-plant league with Oak Ridge National Laboratory Class B basketball teams failed to get results, two Y-12 teams have been entered in the Oak Ridge Recreation League. Play was started in the loop last night with other teams being one from ORNL, Barber Buick and Atomic Energy Commission.

The two Y-12 teams are the Speckled Birds, being coached by Don Phillips and managed by Fred Kappelmann, and the Guards, managed and coached by Jim Shoemaker.

The Guards opened with Barber Buick and the Birds tackled AEC in the initial league games last night.

At 7 o'clock tomorrow night, Thursday, December 14, the Speckled Birds will tangle with Barber Buick with the Guards and ORNL meeting an hour later. Both teams are scheduled to play again Tuesday night, December 19 while on Thursday night, December 21 at 8 o'clock, the two Y-12 teams will meet each other.

Orphans Win First Half Title In C Pin Loop

The Orphans just about blew themselves into the first half of the season championship of the C League last week by making gentle breezes out of the Hurricanes to the tune of four points. The first half ends with bowling activities of next Wednesday night, December 20.

The Moles got an assist in elevating the Orphans' lead to seven points as the underground boys gained an even split with the second-place Hooks last week. Other results showed the Thin Pins blanking the Guards for four points while the Hornets stung the Short Circuits for three points to pull up to a tie for the cellar position in the league.

George Banic, of the Hornets, had the best single game of the night, posting a 205 scratch score, boosted to 247 with handicap. "Mighty Mite" Harold Ratjen, of the Thin Pins, had a 517 scratch series for tops of the night and Pledger Goins, of the Guards, came through with a 633 handicap series.

The Orphans and Moles divided team scoring leads. The first place team had the best scratch scores of 829 for one game and 2,377 for a series. The Moles rolled a 993 handicap game and 2,851 handicap series.

League standing follows:

| Team | W | L | Team | W | L |
|----------------|----|----|------------|----|----|
| Orphans | 43 | 13 | Hurricanes | 25 | 31 |
| Hooks | 35 | 21 | Moles | 25 | 31 |
| Thin Pins | 28 | 28 | Guards | 21 | 35 |
| Short Circuits | 26 | 30 | Hornets | 21 | 35 |

Varsity Women Bowlers Nip Cleaners As Scores Bunched

The Y-12 women's varsity bowling team returned to winning ways last Thursday night by handing the Bailey Brothers Cleaners a cleaning by two games to one. The Y-12 line score was 633, 677, 737—2,047, to 608, 725, 619—1,953 for the opposition.

All of the Y-12 lassies were closely bunched in individual scoring with Katie Williams easing out in front with 120, 161, 136—417; followed by Olyne Kappelmann 170, 116, 129—415; Oradean Upchurch 102, 152, 160—414; Margaret O'Neal 129, 111, 166—404; and Ruth Law 112, 137, 146—395.

Y-12 SPORTS NEWS



6-2019 Y-12 Photo By Vince Moore
HERE ARE THE DODGERS OF THE Y-12 WOMEN'S PLANT league of bowlers. From left are Lillian Howard, Dennie Williams, Corinne Snyder, Polly Calfee and Verna Fields.

Woes Regain Lead As W League Race Nearly Half Done

The Woes jumped back into the lead in the W League of plant keglerettes last week by striking the Strickettes for a two out of three game decision while the Kemps, previously tied with the Wives of Employees for the top spot in the loop, were dumped by the Dodgers by the same margin. In the other clashes the advancing Controllers, champions of the loop last season, took a pair from the Racquetteers and the Hi Balls defeated the Cracker Jax by the same margin.

As a result of last week's outcomes, the first division teams in the league are closely bunched and any of the four have a chance at the first half of the season title. The first part of the schedule will be completed Tuesday night, December 19.

Mabel Tyer, of the Kemps, had an up and down night last week. She rolled the highest scratch game of the night, a sizzling 197, and then came back with a lowly 97 on her next game. Verna Peckman, of the Dodgers, had the best handicap scores of the session with a 225 single game and 614 series. Olyne Kappelmann's 445 was the best scratch series. Nancy Garrison, rolling for the Controllers, drew the spotlight when she scored one of those difficult 6-7-10 splits.

Four different teams got into the team high scoring act. The Kemps had the top scratch game of 701 but the Woes posted a 952 to lead in the handicap game scoring. The Racquetteers had a 1,926 for top scratch series and the Strickettes led with a 2,691 handicap series.

League standing follows:

| Team | W | L | Team | W | L |
|-------------|----|----|--------------|----|----|
| Woes | 26 | 16 | Dodgers | 21 | 21 |
| Kemps | 25 | 17 | Cracker Jax | 20 | 22 |
| Controllers | 24 | 18 | Strickettes | 16 | 26 |
| Hi Balls | 23 | 19 | Racquetteers | 13 | 29 |

A Russian wolf-hound came over to this country and met an American dog.

"How are things in Russia?" asked the latter.

"Oh, fine, fine," said the Russian dog. "We have fine dog houses and all the red meat we can eat each day."

"Then what are you doing over here?" asked the American pup.

"Hell," said the Red dog, "a fella likes to bark once in a while."

All Stars, Rippers Rise With Whitewash

Whitewash victories by the All Stars over Maintenance and Rippers over Comets sent the winners up the ladder in B League bowling activities last week. The All Stars climbed to a tie for first place with the Wolves, who took three points from the Bums. Other results showed the Wasps stinging the Bumpers for three points, the Head Pins taking One-91 by the same score and the Tigers and Cubs clawing out a two-two tie.

Although his team was beaten, Roy Roberts, of the Comets, hogged the field in high scoring. He rolled a 243 scratch game, boosted to 256 with handicap, and also had a 585 scratch series. Wes Savage, rolling for the Head Pins, banged out a 632 handicap series for tops of the night.

The Bums and Rippers shared team scoring honors. The Bums had a 875 scratch game and 1,061 handicap game while the Rippers led in series scoring with 2,535 scratch and 2,918 handicap.

League standing follows:

| Team | W | L | Team | W | L |
|-----------|---|---|-------------|---|---|
| Wolves | 7 | 1 | Cubs | 3 | 5 |
| All Stars | 7 | 1 | Head Pins | 3 | 5 |
| Wasps | 6 | 2 | Maintenance | 3 | 5 |
| Rippers | 5 | 3 | Tigers | 2 | 6 |
| One-91 | 4 | 4 | Bumpers | 2 | 6 |
| Bums | 4 | 4 | Comets | 1 | 7 |

Koons Leads Closely-Bunched Y-12 Scorers In Losing Bout

Despite four well-bunched series scores of more than 500, the Y-12 men's varsity bowling team in the Oak Ridge City League took a three-point trimming Monday night, December 4, from the K-25 keggers. The Y-12ers dropped the first game by 99 pins, losing 949 to 850, but rallied to take the second tilt by 884 to 858. However, the victors came back strong to nose out Y-12 by 879 to 870 in the finale and also take high score by 2,686 to 2,604.

It was Elmore Koons' time to lead the Y-12ers in individual scoring with consistent games 181, 190, 181—552. He was followed by Conrad Roberts 192, 154, 192—538; Ernie Cobble 190, 200, 145—535; Walter Sherrod 148, 188, 191—527, and Frank Gragg 139, 152, 161—452.

Some fight for principles at stake; others just the steak.

Varsity Squad Probably Best Since Champions Of 1946; ORNL Next

The Y-12 Cardinals, plant men's varsity team in Oak Ridge City League competition, will make their league debut at 7 o'clock tonight, Wednesday, December 13, at the new gymnasium of the Jefferson Junior High School. Their opponents will be the Vagabonds, composed of personnel from the Carbide K-29 and K-31 plants.

Strongest Since 1946 Champs

The Card cage combine this year is considered the best to wear the red and white since the city championship team of 1946. Some capable performers of recent Oak Ridge High School teams and a nucleus of veterans from last season's quint form the backbone of the squad that has been working out under direction of Recreation Supervisor Arnold Tiller.

The starting forwards tonight will be either Charley Kirkwood, a star at ORHS last season; Jack Garrett, who played last year with the famed Whiskered Wizards; or Bill Wright, a veteran of last year's Y-12 team. At center Spud Chandler, another former Wildcat player, will alternate with Karnes, who played with the high school two or three years ago. Bill Maddux and Jack Garland, another pair of former Wildcat cagers; Walt Sherrod, a veteran Y-12 athlete; and Jim Barker, another holdover, will take care of the guard positions. Others on the squad who probably will see lots of action during the year include Lambdin, Donaldson, Carden, Simmons and Little.

Play ORNL Next Week

The next league contest for the Cards will be staged at 8:30 o'clock next Wednesday night, December 20, against the ORNL Nationals while on Tuesday, December 26, the red and white meets Clinton. Other teams in the league are Central Service Station and K-25.

The Cards are scheduled to invade Knoxville next Monday night, December 18, to play in the Knoxville Journal Milk Fund benefit basketball jamboree. The Ray's Shopping Center team will provide the opposition. Another good game for the Cards will see them pitted against the Peerless Woolen Mill team of Chattanooga, long one of the powerhouses of the south in basketball. The Chattanooga team will meet the Cards in Oak Ridge with the Y-12ers making a trip to Chattanooga later in the season.

Robins Triumph, Cardinals Lose

The Y-12 Robins took their first basketball game of the year last Sunday night when they trimmed the Knoxville Pepsi-Cola outfit by 27 to 16. The men's varsity team dropped a 36 to 34 decision to the famed women's Arkansas Travelers team after coasting through most of the contest in anticipation of their league opening game this week.

Y-12ERS MIGHT WIN CHRISTMAS TURKEY IF GUN EYE IS GOOD

Any Y-12er who is a good hand at target shooting stands a chance of winning a Christmas turkey—already dressed—at a turkey shoot to be held by the Oak Ridge Sportsman's Association at the club grounds west of the city starting at 1 o'clock Sunday afternoon, December 17. Rifles or shotguns may be used in the competition and several prizes will be presented.

More Sports News
On Page Four

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Time Is Not Yet Ripe For Pictures, Display Of Atomic Bombs Says AEC Chairman Dean

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grown, particularly as the military has become more and more acquainted with the problems of assembly and delivery, so that some information—that is, the size, the weight, the shape and general characteristics of the gadget—had to be made known to thousands upon thousands of people. Otherwise, you would tie your own

hands, because we have to have pilots, ground crews, people in the crew of the plane. We have to have all kinds of service people, people who make this thing and see it. We have to have fabricators of parts who can readily guess as to weight, shape and size. This is going to be an increasing problem. The time may come when as many as 300,000 to 400,000 people must know things at the operational level in order to have real readiness. And this makes your security much more difficult. Another thing you must remember is that the program is compartmentalized. For instance, a man who knows some of the secrets about Oak Ridge is not apt to know anything about construction of the bomb itself. It is the people who know all about the bomb that could do us the most damage, and that is why the Fuchs incident was a very, very disturbing one to us.

Q. How many people know all about the bomb?

Small Group Knows All

A. It is a very small group that you would say know all about it.

Q. How many are there who would know how to make a bomb if they had all the materials?

A. It would be very small. I would say in the neighborhood of not more than 200 people—no, 150 people.

Q. Do you think the time is coming when we can print a photograph of the atomic bomb?

A. Yes, I think so.

Q. How long do you think that's off, years?

A. I think it will be some time before we feel we can afford to do it but I visualize the day when that information in itself would be so unimportant that you would be willing to put a dummy model in Macy's window.

Q. Can you evaluate the damage that was done our country by Fuchs and his associates in terms of the Russian progress?

Fuchs Greatly Aided Russia

A. It is hard to do, but I don't think you would be taking too extreme a position if you say he had advanced them between a year and two years.

Q. Has the Fuchs episode had any effect on those scientists who were inclined for a long time to pooh-pooh the need for security—American scientists who were a little bit annoyed and irritated by our desire to have security because they thought it was inconceivable that Russia would do what it has done?

A. I wouldn't limit it to scientists. I would say that the Fuchs episode has had a sobering effect upon everybody connected with the program.

Q. In that way it was a blessing in disguise?

A. I think so. Some good came from it. It certainly didn't equal the bad, but some good did come from it.

"I'm sorry, sir; but that number has been taken out."

"Oh yeah! Well, operator, can you give me any information as to who has been taking her out?"

"Just a moment, sir; I'll give you information."

Ex-Y-12ers Now In Guard Visit Homes On Leave; Howard Takes Bride, Lankford Has Xmas Party

Two former Y-12 employees who were visiting their families here last week while on leave from the 194th Engineer Combat Battalion, Tennessee National Guard, of Oak Ridge, have returned to their military training at Fort Lewis, Wash., after an eventful week at their homes.

Bride From Oliver Springs

Sgt. George Leroy Howard, a former Y-12er in the Transportation Department, really made his visit home for the Christmas holidays momentous—he got married. His bride was Miss Marybelle Black, of Oliver Springs. They were wed at the home of the sergeant's parents, Mr. and Mrs. George Howard, at 8:30 o'clock Tuesday night, December 5. George Howard is with the Y-12 Buildings and Grounds Department and a sister, Lillian Howard, is in Research Engineering.

The other Y-12er visiting home last week was Pfc. Gerald W. Lankford, who was in Maintenance Shops before going into active duty with the Guardsmen last summer. His father is Lyle G. Lankford, also of Maintenance Shops. During his stay the Lankfords advanced the date for their annual Christmas party for the benefit of the soldier son.

Have Returned To Post

Lankford left Oak Ridge last Friday night to return to Fort Lewis while Howard left Sunday night.

Sergeant Howard's bride is the daughter of James Black, of Oliver Springs. The marriage was performed by the Rev. Robert L. Thomas, Oak Ridge Presbyterian minister. At her wedding the bride wore a navy blue dress with matching accessories, carried a white prayer book and wore white carnations. Her only attendant was a cousin, Miss Evelyn Wall, who wore a beige suit and brown accessories. After the wedding the newlyweds took a short wedding trip by automobile to Chattanooga and Birmingham.

Cafeteria Will Serve Big Christmas Dinner

Continued from Page 1

ber 25, will be observed as a regular holiday in the plant and no employees will be required to work on this day except for those whose presence at work is absolutely necessary to assure continuous operation and protection of the plant. The following Monday, January 1, 1950, New Years Day, also is a holiday for Y-12ers.

These two holidays give Y-12ers two long week ends in succession to enjoy Christmas and New Years. Weather permitting, many employees are planning to visit relatives in nearby localities although the majority will remain right at home to hold family gatherings and exchange seasonal gifts.

Fire Safety Is Urged

Few Y-12 homes will be without Christmas trees and decorations. Everyone is urged to use all precautions possible to avoid dangers of fire from faulty electrical equipment or other sources. A merry Christmas cannot be that unless it is a safe one—and many otherwise happy occasions have been tragically marked with fires. Christmas trees are highly flammable—if ignited. However, fires can be avoided through proper planning in buying and using Christmas lights, tree and toys.

GEORGIANS LEARN DEFENSE

The Atlanta Constitution has reported that 100 Georgians from all major cities and a number of smaller towns completed a three-day course for radiation defense chiefs held at Georgia School of Technology at Atlanta.



6-2154 Y-12 Photos By Vince Moore
TWO Y-12 FAMILIES WERE MADE HAPPY DURING THE holiday season by visits from sons in the 194th Engineer Combat Battalion, Tennessee National Guard, of Oak Ridge. Both of the Guardsmen also are former Y-12ers. In the top picture Sgt. George Leroy Howard, in civvies at right with his brand new bride whom he wed while on furlough here, is chatting with his parents, Mr. and Mrs. George Howard. At bottom Pfc. Gerald W. Lankford, in foreground with Miss Martha Kendricks, watches as his mother, Mrs. Lyle G. Lankford and her husband, at right present gifts under the Christmas tree in a party held ahead of time for the benefit of the visiting soldier. At left are the Lankford twins, Duane and Wayne.

Protection Committee Studying Mutual Aid

Continued from Page 1

vide maximum assistance to another in time of an emergency that requires aid being requested.

The Y-12 Plant Protection Committee, in studying the problems here in carrying out provisions of the mutual aid agreements, is closely reviewing facilities for identification and what potential emergencies could arise in Y-12. A code system to notify all emergency groups throughout the plant is being brought up to date.

Booklet Being Prepared

The committee likewise is preparing a booklet for distribution to all Y-12ers that will provide adequate instruction on what to do in case of an emergency. Information provided includes the location of all fire alarm boxes in the plant area and how to sound alarms on them.

The committee, formed several weeks ago by Y-12 Area Superintendent W. D. Lavers, is holding regular meetings in its efforts to make the plans to combat emergencies here or in any other Carbide unit as efficient as possible. Plant Protection Supt. T. A. McKenzie is chairman of the group and Roy M. James, of the Training Department, is secretary. Other members are N. H. MacKay, R. R. Tippy, G. C. Henderson, W. S. Herron, Nelson L. Tibbatts, Ward Foster and Plant Shift Supervisors. The Plant Shift Supervisors, who are directors of the emergency plan whenever it is put into effect,

are G. L. Underwood, D. G. Hill, N. H. Benninghoff, E. G. Richardson and L. F. Hemphill. Foster replaces L. H. Barker as a committee member.

In its studies, the Y-12 Plant Protection Committee is working closely with similar groups in other Carbide units and also with Oak Ridge officials on methods of meeting any emergencies that might arise.

Girl Scout Troop Hears Two Y-12ers

George Banic and George Lockhart, both of the Y-12 Maintenance Shops, attended a recent meeting of the Mariner Girl Scouts, of Oak Ridge, to give instructions in rope work and tying knots. Frances Gilliam, of the Y-12 Materials Chemistry Division, is troop leader of the girl scout group.

The girl scouts plan to sing Christmas carols at the Oak Ridge Hospital and other localities during the holidays.

A weather-beaten old sailor had wandered into a water front mission where a preacher was holding forth in strong language on the Ten Commandments, detailing at length the many ways in which they could be broken. The sailor departed in a very subdued mood, but after walking a few blocks and thinking matters over, his face brightened and he squared his shoulders. "Anyhow," he muttered, "I never made no graven images."

D Loop Teams Point To Strangle Strikers

With the first half of the season scheduled for completion on next Tuesday night, December 19, efforts of seven teams in the D League of plant bowlers will be centered on how to stop the Strikers in the second half. The Strikers are making a runaway race of the first half of the season and increased their lead to 16 points last week by trimming the Isotopes for a four-point white-wash.

All of the other matches last week were won by three-point margins with the Splinters, Angstroms and Pick Ups defeating the Toppers, Cermets and Old Men.

Frank Gragg, rolling for the Strikers, and George Nessel, an Old Man, waged a merry battle for top scoring honors. They tied with 201 scratch games and Nessel had a 249 for best handicap game of the night. Gragg, however, had the top scratch series of 559. George Stukenbroeker, of the Angstroms, led the bunch with a 625 handicap series.

As usual, the Strikers took all team scoring honors with a 876 scratch game, 1,007 handicap game, 2,508 scratch series and 2,901 handicap series.

League standing follows:

| Team | W | L | Team | W | L |
|-----------|----|----|-----------|----|----|
| Strikers | 47 | 9 | Angstroms | 23 | 33 |
| Isotopes | 31 | 25 | Pick Ups | 23 | 33 |
| Splinters | 31 | 25 | Cermets | 20 | 35 |
| Old Men | 29 | 27 | Toppers | 20 | 35 |

Badminton Team Of Y-12 Blanks NEPA In Opener

The Y-12 badminton team got away to a running start last Thursday night in its opening match of the season, shutting out the NEPA outfit by 11 to 0. In addition to Y-12 and NEPA, other teams in the Oak Ridge City League this season are K-25 and Oak Ridge National Laboratory.

The Y-12ers are scheduled to meet the K-25 battledore and shuttlecock team Thursday night of this week on the West Court of the new gymnasium at Jefferson Junior High School.

The Y-12 team that trimmed NEPA last week was led by Mal Wallis with other team members including Spence and Marge Wallace, Fred and Jean Hurst, Pres Hill, Phyllis Wallis and Lorraine Valado.

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